

01-30-01

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01/29/01  
Jc565 U.S. PTO

EXPRESS MAIL CERTIFICATE

Date 1/29/01 Label No. EL706719911Us

I hereby certify that, on the date indicated above, this paper or fee was deposited with the U.S. Postal Service and that it was addressed for delivery to the Assistant Commissioner for Patents, Washington, DC 20231 by "Express Mail Post Office to Addressee" service.

Name (Print) D B Peck Signature [Signature]

PLEASE CHARGE ANY DEFICIENCY UP TO \$300.00 OR CREDIT ANY EXCESS IN FUTURE FEES DUE WITH RESPECT TO THIS APPLICATION TO OUR DEPOSIT ACCOUNT NO. 04-0100

Docket No: 2504/1F934-US1

Box PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, DC 20231



07278

PATENT TRADEMARK OFFICE

Jc564 U.S. PTO  
09/772200  
01/29/01

Sir:

Enclosed please find an application for United States patent as identified below:

Inventor/s (name ALL inventors): Antoine J. ROUPHAEL, John E. HOFFMAN,  
George R. NELSON, Jr., and James A. PROCTOR, Jr.

Title: METHOD FOR USING A NON-ORTHOGONAL PILOT SIGNAL WITH DATA CHANNEL INTERFERENCE CANCELLATION

including the items indicated:

1. Specification and 24 claims: 5 indep.; 19 dep.; \_ multiple dep.
2. ☐ Executed declaration and power of attorney  
☒ Unexecuted declaration and power of attorney
3. ☐ Formal drawings, \_ sheets (Figs. )  
☒ Informal drawings, 7 sheets (Figs. 1-8B)
4. ☐ Assignment for recording to:
5. ☒ Applicant Claims Small Entity Status
6. ☐ Check in amount of \$ 00, (\$ filing; \$ recording)  
(See attached **Fee Computation Sheet**)
7. ☒ Request and Certification Under 32 U.S.C. 122(b)(2)(B)(i)
8. ☐ Information Disclosure Statement
9. ☐ Please amend the description by inserting the following paragraph after the line containing the title on page 1:

"This patent application claims the priority of U.S. provisional patent application No. 60/184,365, filed on February 23, 2000, which is incorporated herein by reference."

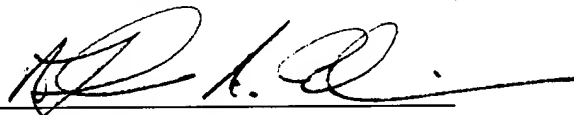
Priority is claimed for this application, corresponding application/s having been filed as follows:

Country:  
Number:  
Date:

The priority documents ☐ are enclosed  
☐ will follow.

Date: January 29, 2001

Respectfully submitted,



Alphonso A. Collins  
Reg. No. 43,559  
Attorney for Applicant(s)

PATENT FEE COMPUTATION SHEET

	No. of Claims Pre- sented	Extra Claims Pre- viously Paid For	Number of Extra Claims	Rate
Basic Fee .....				\$
Design Application .....				\$
Plant Application .....				\$
Total Claims	24- 20	4	x \$18.00	\$
Independent Claims	5 - 3	2	x \$80.00	\$ .00
Multiple Dependent Claims		- if so, add	\$270.00	\$ .00
Surcharge for late submission of filing fee and/or declaration (\$130.00) .....				
SUBTOTAL .....				\$
<input type="checkbox"/> Small Entity REDUCTION (Half of Subtotal) .....				\$
Fee for recordation of assignment (\$40.00) .....				\$
Charge for filing non-English language application (\$130.00) .....				\$
TOTAL .....				\$

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Antoine J. ROUPHAEL et al.

Serial No.: not yet assigned

Group Art Unit: not yet assigned

Filed: Concurrently herewith

Examiner: not yet assigned

For: METHOD FOR USING A NON-ORTHOGONAL PILOT SIGNAL WITH DATA  
CHANNEL INTERFERENCE CANCELLATION

January 29, 2001

Assistant Commissioner for Patents  
Washington, D.C. 20231

**REQUEST AND CERTIFICATION UNDER**  
**32 U.S.C. 122(b)(2)(B)(i)**

Sir:

I hereby certify, on information and belief, that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

**EXPRESS MAIL CERTIFICATE**

Date 1/29/01 Filed 06719911US  
I hereby certify that, on the date indicated above, this paper or fee was deposited with the U.S. Postal Service & that it was addressed for delivery to the Assistant Commissioner for Patents, Washington, DC 20231 by "Express Mail Post Office to Addressee" service.

Darby & Darby  
Name (Print) Signature

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Respectfully submitted,

Alphonso A. Collins  
Alphonso A. Collins  
Registration No. 43,559  
Attorney for Applicant(s)

jc564 U.S. PTO  
09/772200  
01/29/01